| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L2 | 6 | ((166/77.53) or (166/85.1) or (175/256)).CCLS. | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/15 19:37 |
| L3 | 8 | (align$3 with (tubulars or tubes or pipes or rods) with position$3 with memori$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 19:50 |
| L4 | 690 | ((position$3 or align$3 or orient$3) with (tubulars or tubes or pipes or rods) with (recall$3 or memori$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 20:55 |
| L5 | 113 | ((position$3 or align$3 or orient$3) with (tubulars or tubes or pipes or rods) with (recall$3 or memori$4)).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 20:15 |
| L6 | 577 | 4 not 5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 20:15 |

| L7 | 345 | 6 and (process or procedure or method) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 20:34 |
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| L8 | 232 | 4 not (5 or 7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 20:35 |
| L9 | 169 | (position$3 or align$3 or orient$3) same (tubulars or tubes or pipes or rods) with (recall$3 or memori$4) same (computer or controller or cpu or logic adj controller or control adj system) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:04 |
| L10 | 101 | 9 not 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 20:57 |
| L11 | 1792 | (position$3 or align$3 or orient$3) and (tubulars or tubes or pipes or rods).ab. and (recall$3 or memori$4) and (computer or controller or cpu or logic adj controller or control adj system) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:17 |

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| L12 | 1515 | 11 and (method or process or procedure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:05 |
| L13 | 248 | (tubulars or tubes or pipes or rods).ab. and ((position$3 or align$3 or orient$3) same (recall$3 or memori$4) same (computer or controller or cpu or logic adj controller or control adj system)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:09 |
| L14 | 212 | 13 not 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:09 |
| L15 | 212 | 14 not 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:09 |
| L16 | 194 | 14 not 9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:09 |

| L17 | 1680 | (position$3 or align$3 or orient$3) and (tubulars or tubes or pipes or rods).ab. and (recall$3 or memori$4) and (computer or controller or cpu or logic adj controller or control adj system) and (machine or apparatus or device) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 22:54 |
| L18 | 617 | (position$3 or align$3 or orient$3) with (recall$3 or memori$4) with (computer or controller or cpu or logic adj controller or control adj system) with (machine or apparatus or device) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:33 |
| L19 | 605 | 18 not 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:22 |
| L20 | 129 | 19 and (tubes or tubulars or rods pipes) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:24 |
| L21 | 459 | (position$3 or align$3 or orient$3) same (recall$3 or memori$4) same (computer or controller or cpu or logic adj controller or control adj system) same (machine or apparatus or device) same (pipes or tubes or tubulars or rods) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:34 |

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| L22 | 446 | 21 not 20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:35 |
| L23 | 433 | 21 not 16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 21:35 |
| L24 | 316 | 23 and (method or process or procedure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 22:35 |
| L25 | 300 | 24 not 13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 22:35 |
| L26 | 7 | (position$3 or align$3 or orient$3) with (tubulars or tubes or pipes or rods) with (recall$3 or memori$4) with (computer or controller or cpu or logic adj controller or control adj system) with (machine or apparatus or device) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 23:00 |

| L27 | 7 | (position$3 or align$3 or orient$3) with (tubulars or tubes or pipes or rods) with (recall$3 or memori$4) with (computer or controller or cpu or logic adj controller or control adj system) with (machine or apparatus or device or manipulat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 22:56 |
|-----|-----|-----|-----|-----|-----|-----|
| L28 | 0 | 27 not 26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 22:57 |
| L29 | 459 | (position$3 or align$3 or orient$3) same (tubulars or tubes or pipes or rods) same (recall$3 or memori$4) same (computer or controller or cpu or logic adj controller or control adj system) same (machine or apparatus or device) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 23:04 |
| L30 | 144 | ((position$3 or align$3 or orient$3) same (tubulars or tubes or pipes or rods) same (recall$3 or memori$4) same (computer or controller or cpu or logic adj controller or control adj system)) and (machine or apparatus or device).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 23:04 |
| L31 | 95 | 30 not 25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/15 23:04 |